# ColorShot Printer User Guide



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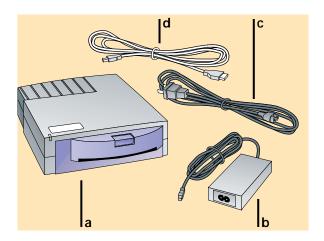
the printer, installing the software, and printing test images.
For detailed information on using the printer and all the features and options in the print driver, as well as full troubleshooting information, please refer to the Polaroid ColorShot User's Guide (CSguide.pdf).

# **System requirements**

- A PC-compatible computer with a Pentium<sup>®</sup> processor (or later) and a USB (Universal Serial Bus) connector\*
- Microsoft® Windows® 95 operating system, Version B (see page 24)
- 16MB RAM (minimum); 32MB RAM (recommended)
- 50MB free hard disk space (minimum); more space required when printing multiple copies (10+)

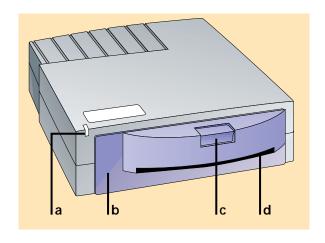
- A VGA 640 x 480 color monitor, 256 colors minimum, 16-bit recommended (see page 26 for advice on setting your monitor and video accelerator)
- A CD-ROM drive, 2x speed (minimum); 4x or faster (recommended)
- \* Note: Microsoft USB software is not compatible with early versions of Toshiba's Infinia In-Touch™ modules, and installing the software on Toshiba Infinia systems which include such modules will render such Infinia systems inoperable.

# The printer



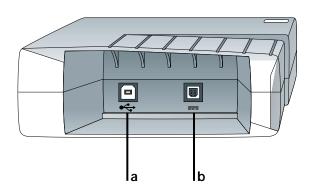
- a. Printer
- **b**. Power adapter
- c. Power cord
- d. USB cable
- e. Printer software (not shown)

#### FRONT OF PRINTER



- a. Power/Printer busy LED
- b. Film door
- c. Film door latch
- d. Film ejection slot

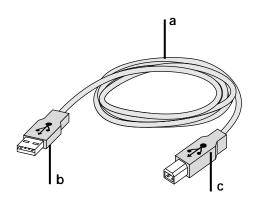
#### **BACK OF PRINTER**



- a. USB connector
- **b.** Power connector

**Note:** If any of these components is missing, contact your dealer.

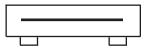
#### **USB CABLE**



- a. USB cable
- **b.** Computer connector
- c. Printer connector

### **Position the printer**

lace the printer horizontally, on a flat surface near your computer. (Do not position the printer vertically.)



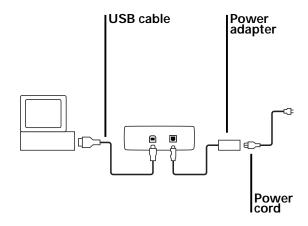
The Polaroid ColorShot printer is a "plug-and-play" device. Leave your computer on when you connect the printer. When the printer is connected to your computer and plugged into a power supply, the system detects the new hardware and prompts you to install the software. Follow the detailed installation instructions in the next section carefully.

# Before you begin

- Your computer should be USB-ready.
   If you are not sure, see the section
   Enabling USB on page 24.
- Note the drive letter for your CD-ROM drive: To find it, click My Computer on the desktop and note which drive has the CD-ROM icon.
- Insert the Polaroid ColorShot CD ROM into the CD-ROM drive.
- Be sure your monitor and video accelerator card are set properly (see page 26).

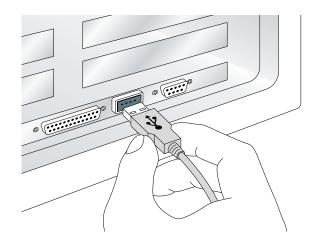
### **Connect the cables**

- 1 Connect the power cord to the power adapter.
- **2** Connect the power adapter into the connector on the printer.



- 3 Connect the power cord to a grounded outlet. When the unit is plugged in, the LED on the front of the unit lights to indicate power is on. **Note**: The power is now on to the printer. There is no on/off switch.
- 4 Connect the USB cable into a USB connector on the back of the computer, or into another hubbed USB device. (Polaroid ColorShot has to be at the end of the device chain.)
- 5 While watching the computer screen, connect the USB cable to the back of the printer.

**6** The system detects the printer as soon as you connect it and prompts you to install the software. See the next section, *Install the software*.

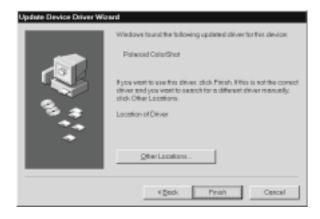


s soon as you connect the printer, the screen displays "Building driver information database." The Update Device Driver Wizard is displayed. Click Next to continue.

**Important**: For successful installation, read each screen carefully before proceeding to the next step. See the detailed instructions that follow.

Note: As part of the installation, Adobe® Acrobat™ Reader and the two .pdf files of the user manuals are installed on your hard drive, in the ColorShot folder: CSinstal.pdf (this manual), and CSguide.pdf (the User's Guide). Three sample images are also installed in the ColorShot folder, in .tif and .bmp formats: kids, flowers, and test.

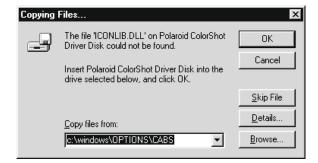
1 The system locates the device and displays the name: Polaroid ColorShot. If you do not see the name Polaroid ColorShot, be sure the CD is in the CD-ROM drive. Click Finish.



**2** The screen prompts you to insert the disk; disregard it and click OK.

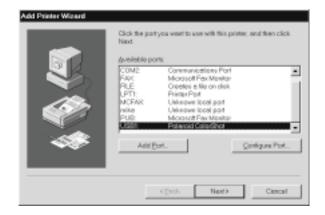


3 In the Copy Files From list, press the Delete key to delete the highlighted text, then type the drive letter for your CD-ROM drive (for example, D:\ or E:\).

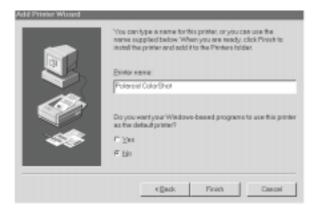


4 Click OK to begin installation.

5 The Add Printer Wizard is displayed. Scroll down the list of printer ports and select the USB port and Polaroid printer. Important: Do not select the default port, LPT1. Click Next.



6 The Add Printer Wizard displays "Polaroid ColorShot" for the Printer name. If you have a paper printer you normally print to, do not select ColorShot as your default printer. Click Finish once.



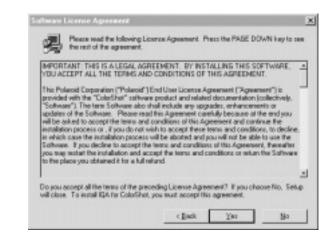
Important: The computer takes a few moments to install the driver.

Although there is no status bar or wait icon displayed during this process, installation is proceeding!

7 If the print driver is not available in the same language as the operating system, the screens appear in English. If you prefer another language, click the list and choose from French, German, Italian or Spanish:



**8** Click OK. The License Agreement is displayed.



**9** If you click Yes to accept the License Agreement, installation proceeds.

10 When installation is complete, click the first checkbox to see the Readme file, click the second checkbox to start Acrobat Reader, or leave them blank to return to Windows. Click Finish.



- Readme: The Readme file contains last-minute tips and news about your printer.
- Acrobat Reader: Use Adobe Acrobat Reader to read and print the user manuals, CSinstal.pdf (this manual) and CSguide.pdf. The files are located in the ColorShot directory on your C drive, and on the Polaroid ColorShot CD ROM.

#### **IMPORTANT REMINDER**

If you have not already done so, check your monitor and video accelerator card settings; see page 26 for details. o be sure the printer is properly connected and to acquaint yourself with the print driver, we recommend you use the following tutorial to print two test images. The images are located in the Samples folder within the ColorShot folder on your hard drive.

When printing the test images, keep all the print properties at the default settings. To configure the print driver for your own use, see the detailed descriptions of Print Properties in the Polaroid ColorShot User's Guide (CSguide.pdf).

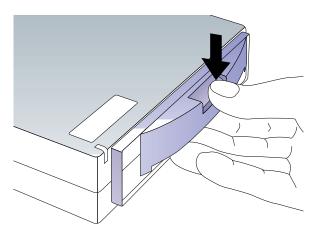
# Start up your imaging software

- 1 Insert the MGI PhotoSuite<sup>™</sup> CD into your CD-ROM drive.
- **2** Follow the instructions on the screen to install the software.
- 3 Start up MGI PhotoSuite.

Note: Be sure Brightness, Enhance Colors and Adjust Colors (on the Image menu) are at their neutral settings. If this is the first time you have used MGI PhotoSuite, these sliders will already be at their neutral settings.

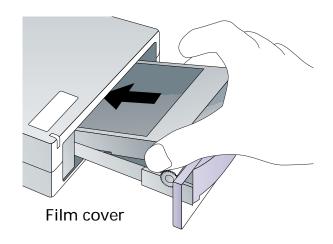
### Load the film

1 Press and hold down the door latch. Pull open the film door.



- 2 Remove the Polaroid ColorShot film from the foil package and insert it into the tray, with the film cover facing up and the wide plastic border nearest the door. The film cover protects the light-sensitive material beneath it.
- 3 Slide the film tray in until it latches shut.

Warning: After the first picture, do not open the film tray until the film pack is empty. Doing so ruins the top picture in the pack.



# Check the printer settings

- 1 From Windows, go to Start and select Settings. Select the Printers folder and open it.
- 2 Double-click the ColorShot Printer icon inside the folder.
- 3 The Polaroid ColorShot status box is displayed. This message box displays the print queue.
- 4 If you want to change any settings, click Properties on the Printer menu. After making changes, click OK.
- 5 Close the Printers window.

### **Print KIDS.TIF**

- 1 Open the image KIDS.TIF in the Samples folder, located in the ColorShot folder on your hard drive.
- 2 Click Printer Setup on the File menu.
- 3 Select Polaroid ColorShot as the printer and select Portrait orientation. Click OK.
- 4 Click the Print Preview icon on the toolbar to display the MGI PhotoSuite preview screen.
- 5 Click Size to Fit. Size to Fit

**6** Click the Printer icon in the Print Preview screen.



- **7** Click OK to print the image.
- 8 The ColorShot preview screen is displayed. Click the printer icon in the Preview tool bar to begin printing. If this is your first print of the film pack, the printer will eject the film cover first. In a few moments, the printer will eject KIDS.TIF.



KIDS.TIF, in portrait orientation

### Print FLOWERS.TIF

- 1 To print the second test image, open the image FLOWERS.TIF in the Samples folder, located in the ColorShot folder on your hard drive.
- **2** Click Printer Setup on the File menu.
- 3 Select Polaroid ColorShot as the printer and select Landscape orientation. Click OK.
- 4 Click the Print Preview icon on the toolbar to display the MGI PhotoSuite preview screen.

5 Click Size to Fit.



6 Click the Printer icon in the Print Preview screen.



- 7 Click OK to print the image.
- 8 The ColorShot preview screen is displayed. Click the printer icon in the Preview tool bar to begin printing. In a few moments, the printer will eject FLOWERS.TIF.



FLOWERS.TIF, in landscape orientation

### **Technical Support**

f the printer is not operating properly and you cannot resolve it with the troubleshooting information in this manual or the User's Guide (CSguide.pdf), contact Polaroid Technical Support.

MGI PhotoSuite: If you need help with MGI PhotoSuite, check the on-line help in PhotoSuite for information on obtaining product support from MGI.

#### WITHIN THE U.S.A.

Call us toll-free from within the continental U.S.A. at 1-800-432-5355, Monday through Friday, 8 a.m. to 8 p.m., Eastern Time. We offer a variety of Customer Support services; call us for details and applicable fees. You may also write to National Digital Imaging Support, Polaroid Corporation, 201 Burlington Road, 1-2A, Bedford, MA 01730. Fax: 1-781-386-9688.

#### **OUTSIDE THE U.S.A**

Contact the nearest Polaroid Service Center. See the list on pages 29 – 34.

#### INTERNET SUPPORT

Technical Support is also available over the Internet. Connect to our web site at http://www.polaroid.com.

# **Enabling USB**

If your system does not respond when you connect the printer, your system may not be compatible with USB, or USB may not be enabled. Take the following steps.

1 Be sure you are connected to a USB port on your computer.



- **2** Be sure your operating system is compatible:
- Highlight the My Computer icon.
- Click the right mouse button and choose Properties from the menu.

 On the General tab, check the version number of Microsoft Windows 95 A "B" or later after the number (for example, 4.00.950 B) designates that your system can install OSR 2.1, a system upgrade required for the USB connector. This upgrade is provided on the ColorShot CD: see the next step for installation instructions. **Note:** If you do not have a "B" after the number, your computer will not accept the USB supplement. Contact your computer manufacturer.

- **3** To install the USB supplement:
- Be sure the USB cable is not connected to the printer.
- Click My Computer icon, then click the CD-ROM drive icon. (The Polaroid CD should be in the drive).
- Click the USB Supplement folder.
- Click DetroitR. The USB supplement is installed.
- 4 After installing the supplement, you need to enable USB in the system BIOS:
- Restart the computer and press the key shown on the screen to run Setup before Windows 95 starts up, to get to the system BIOS.
- · Refer to your computer manual for

- details on how to enable the USB port in the system BIOS. For example, this option may be located in Integrated Peripherals, Advanced Chip Set, PCI Plug and Play, or under another heading.
- 5 If you are still unable to install the printer driver after following these steps, contact your computer manufacturer.

# Recommended monitor setting

We recommend you adjust your monitor for the highest available resolution. To do so:

- 1 Click the right mouse button on the desktop and select Properties.
- **2** Select the Settings tab.
- 3 Set Color Palette to 16 bit or higher.
- 4 Move the slide control under Desktop area to the right, to the highest resolution available; 800 x 600 is recommended. Click OK and close windows as necessary.

# Recommended video accelerator setting

Note: Intel recommends that you set your video accelerator card to the basic setting when connected to a USB device, for smoother, more reliable communication with your printer. This setting does not slow down your system in any way. To do this:

- 1 Double-click the My Computer icon on your desktop.
- 2 Double-click the Control Panel folder.
- **3** Double-click the System icon.
- 4 Select the Performance tab.

- 5 Click the Graphics button under Advanced Settings.
- 6 Move the slide control until Basic is indicated. Click OK twice and close windows as necessary.

# If installation is unsuccessful

The Polaroid ColorShot printer must be installed as a plug-and-play device. If you use Add/Remove Programs or Add Printer to install the software (or if you interrupt the installation process), your Windows registry may be corrupted. To solve this problem, try the following:

- 1 Disconnect the USB cable from the back of the printer.
- 2 Insert the Polaroid ColorShot CD-ROM into the CD-ROM drive.
- 3 Double-click the My Computer icon.
- 4 Double-click the CD-ROM icon.
- 5 Click Recover Plug and Play using the right mouse button.
- **6** Select Install and follow the instructions for Quick Installation.

# To uninstall IQA and the ColorShot driver

Be sure the print queue is empty. If not, delete all jobs in the queue.

- 1 Restart your computer.
- 2 Disconnect the USB cable from the back of the printer.
- 3 Double-click the My Computer icon.
- 4 Double-click Control Panel folder.
- 5 Double-click Add/Remove Programs.
- 6 On the Install/Uninstall tab, highlight Polaroid IQA for ColorShot in the list. Click the Add/Remove button.
- 7 Click Yes to confirm the removal.
- 8 Click Yes to the Remove Shared File? prompts.

- **9** When the uninstall is complete, click OK.
- **10** Close windows until you return to the Control Panel.
- 11 Double-click Printers.
- **12** Select the Polaroid ColorShot with the right mouse button.
- **13** Select Delete from the drop-down menu. Click Yes as necessary to confirm the deletion.
- 14 Close all windows.
- 15 If you want to reinstall the driver, check the printer folder and be sure there is no icon for the Polaroid printer before you reconnect the printer. If there is, repeat steps 10 through 14.

### **Reconnection note**

Your system or hub may have several USB ports. If you connect the printer into a port other than the one used at original installation, the system prompts you to reinstall the software. Follow the instructions on the screen to reinstall the software and specify the current USB port when prompted.

# Polaroid Offices and Service Centers

#### Australia

Polaroid Australia Pty. Ltd. 13-15 Lyonpark Road P.O. Box 163 North Ryde, NSW 2113

Tel.: (02) 950 7000 Fax: (02) 887 2209

#### Belgique/België

Polaroid (Belgium) N.V. - S.A. Rue Colonel Bourg 111 Kolonel Bourgstraat 111 1140 Bruxelles-1140 Brussel Tel.: 027143102 (Flemish) 027143106 (French)

#### **Brasil**

Polaroid do Brasil Ltda.

Av. Paulista, 1776/11° andar

Cerqueira Cesar

São Paulo - Capital

01310-921

Tel.: 55.11.285.6411

Fax: 55.11.283.2625

288.6521 287.5393

#### Canada

Polaroid Canada Inc. 350 Carlingview Drive

Etobicoke, Ontario M9W 5G6

Toll free: 1-800-268-6970

#### **Danmark**

Polaroid a.s.

Blokken 75

3460 Birkerød

Tlf.: 80011887

#### **Deutschland**

Polaroid GmbH

Sprendlinger Landstrasse 109

63069 Offenbach

Tel.: 06995096056

#### España

Polaroid (España), S.A.

Calle Orense 16 - 2ª planta.

28020-Madrid

Tno.: 913778103

#### **France**

Polaroid (France) S.A.

B.P. 7

78996-Elancourt Cédex

Tel.: 0141913810

#### Hong Kong

Polaroid (Far East) Ltd.

32/F Windsor House

311 Gloucester Road

Causeway Bay

Tel.: (852) 2894 0333

#### Italia

Polaroid (Italia) S.p.A.

Via Piave 11

21051 Arcisate (Varese)

Tel.: 0269633253

#### Japan

Nippon Polaroid

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2-2 Toranomon 3-chome

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Tel.: 81-3-3438-8811

Fax: 81-3-3433-3537

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Paseo de la Reforma 195-Piso 17

C.P. 06500 México, D.F.

Tel.: 703-1111

Fax: 566-0505

Del interior al 91 (800) 70-727

Ventas 91 (800) 70-747

#### Nederland

Polaroid Nederland B.V.

Zonnebaan 45

3606 CH Maarssen

P.O. Box 1219

3600 BE Maarssen

Tel.: 0204874534

#### **New Zealand**

Polaroid New Zealand Ltd.

Camera Services

24-26 Anzac Avenue

Auckland

Tel.: (09) 377 3773

#### Norge

Polaroid (Norge) A/S

Industriveien 8B, 1473 Skårer

Postboks 80, 1471 Skårer

Tlf.: 80011887

#### Österreich

Polaroid Ges.m.b.H.

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Tel.: 06607433

#### **Portugal**

Polaroid (España) S.A.

Sucursal em Portugal

Edificio Monumental

Avenue Praia da Vitória 71-A, 4ºB

1050 Lisboa

Tel.: 0505446017

#### **Puerto Rico**

Polaroid Caribbean Corporation

Centro de Seguros

Ave. Ponce de León 701,

Miramar, Santurce 00907

Tel.: (809) 725-6240 Fax: (809) 725-5462

#### Schweiz/Suisse/Svizzera

Polaroid AG

Hardturmstrasse 133

8037 Zürich

Tel.: 018385329 (Deutsch)

018385348 (Français)

018385349 (Italiano)

#### Suomi

Polaroid Oy

Sinikalliontie 10

02630 Espoo

Puh.: 0800117008

#### **Sverige**

Polaroid AB

Ekholmsvägen 36

Box 204

127 24 Skärholmen

Tel.: 084451231

#### U.K.

Polaroid (U.K.) Ltd. & Polaroid Export Operations Wheathampstead House Codicote Road Wheathampstead Hertfordshire AL4 8SF Tel.: 0181 308 6508 (U.K.) (44) 181 308 6593 (Export)

#### U.S.A.

Polaroid Corporation Technical Support

Toll free: 1-800-432-5355

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**Note:** Polaroid Corporation reserves the right to make changes or improvements in the product described in this manual at any time and without notice.

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All other product names may be the property of their respective owners.

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he Polaroid® ColorShot™ Digital Photo Printer is a compact desktop printer designed to output digital images from your PC-compatible computer onto Polaroid ColorShot self-developing color film.

This manual (CSguide.pdf) describes the use of the ColorShot printer and the print driver. It also includes tips for best printing results, and a full troubleshooting guide. For information on connecting the printer, installing the software, and printing test images, refer to the Polaroid ColorShot Installation Guide (CSinstal.pdf).

The Polaroid ColorShot can print images from many Microsoft® Windows® 95 applications, and is ideal for printing:

- Images downloaded from the Internet using a browser
- Images taken with a digital camera
- Images from a Photo CD
- Any digitized image on your computer, such as a scanned image
   The printer is simple to load. When you initiate a print command, the printer automatically ejects the picture. The image appears within seconds and develops into a fully saturated color photograph within minutes.

# Compatible imaging applications

ColorShot is compatible with most popular imaging applications, such as:

- Adobe PhotoDeluxe<sup>™</sup> V2.0
- Adobe Photoshop® V4.0
- Corel Draw<sup>™</sup> V7.0
- Corel PhotoPaint<sup>™</sup> V7.0
- Deneba Canvas<sup>™</sup> v5.02
- MGI PhotoSuite<sup>™</sup> V8.05
- Micrographx Picture Publisher<sup>™</sup> V6.0
- PhotoMAX<sup>™</sup> V1.0
- Polaroid Before & After Lite<sup>™</sup>
   For an updated list, see the Polaroid web page (http://www.polaroid.com).

# **System requirements**

For details, see the Polaroid ColorShot Installation Guide (CSinstal.pdf).

- A PC-compatible computer with a Pentium processor (or later) and a USB (Universal Serial Bus) connector\*
- Microsoft Windows 95 operating system, Version B
- 16MB RAM (minimum); 32MB RAM (recommended)
- 50MB free hard disk space (minimum); more space required when printing multiple copies (10+)
- A VGA 640 x 480 color monitor, 256 colors minimum, 16-bit recommended (see the Installation Guide, CSguide.pdf, for advice on setting

your monitor and video accelerator)

- A CD-ROM drive, 2x speed (minimum); 4x or faster (recommended)
- \* Note: Microsoft USB software is not compatible with early versions of Toshiba's Infinia In-Touch™ modules, and installing the software on Toshiba Infinia systems which include such modules will render such Infinia systems inoperable.

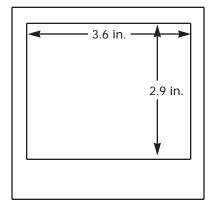
# Registration

Please complete and return the registration card so we can put you on our mailing list. We will keep you informed of the latest product developments, so you can get the best and most effective results from your printer.

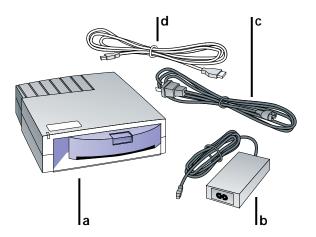
# Polaroid ColorShot film

The printer uses Polaroid ColorShot film to create instant color pictures featuring highly saturated, continuous-tone colors. Unlike other Polaroid film, this specially-made pack does not contain a battery. A finished print is automatically ejected from the printer. Each pack produces ten pictures.

The picture size is approximately 4x4 inches (10.2 x 10.2 cm) with an image area of 3.6 x 2.9 in. (9.1 x 7.4 cm). The aspect ratio is approximately 6:5. Images with a resolution of 580 (horizontal) x 480 (vertical) with 24-bit color resolution (8 bits each for R, G and B) are printed directly.

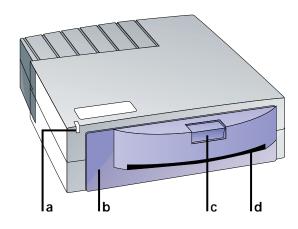


# The printer



- a. Printer
- b. Power adapter
- c. Power cord
- d. USB cable
- e. Printer software (not shown)

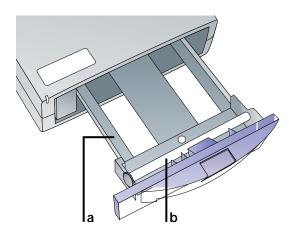
## FRONT OF PRINTER



- a. Power/Printer busy LED
- b. Film door
- c. Film door latch
- d. Film ejection slot

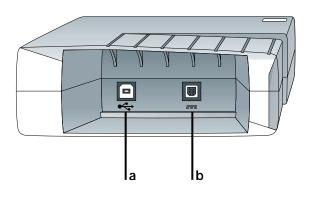
*Note:* If any of these components is missing, contact your dealer.

## **INSIDE PRINTER**



- a. Film tray
- **b.** Processing rollers

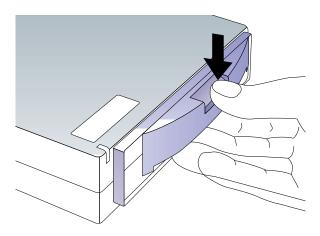
## **BACK OF PRINTER**



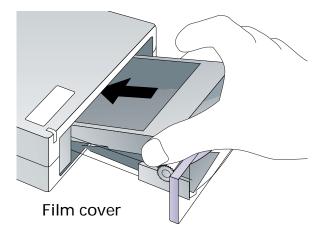
- a. USB connector
- **b**. Power connector

# Load the film

1 Press and hold down the door latch. Pull open the film door.



2 Remove the Polaroid ColorShot film from the foil package and insert it into the tray, with the film cover facing up and the wide plastic border nearest the door. The film cover protects the light-sensitive material beneath it.



3 Slide the film tray in until it latches shut.

ou can configure the driver for each image before printing by using the Properties dialog box. Here you can select paper orientation, use controls to lighten or darken the print, and apply Polaroid's patented image enhancement technology (IQA™). Here you also choose the Preview option and film type. See the following for details.

# Check the printer settings

- 1 From Windows, go to Start and select Settings. Select the Printers folder and open it.
- 2 Double-click the ColorShot Printer icon inside the folder.
- 3 The Polaroid ColorShot status box is displayed. This message box displays the print queue.
- 4 If you want to review the settings, click Properties on the Printer menu. Click OK.
- 5 Close the Printers window.

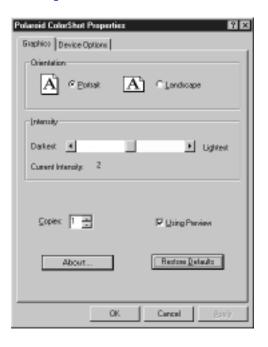
# **Set Properties**

- 1 Display the Polaroid ColorShot
  Properties dialog box as described in
  the previous section. Note: You can
  also click the Properties button from
  within an application (typically in the
  Page Setup or Print dialog box), but
  not all the tabs are displayed.
- 2 Click a tab to make your selections, as described below.

# **Details tab**

On the Details tab, be sure you selected the USB port (not an LPT port) for the ColorShot printer. **Note:** If you ever change to another USB port, you can select it here.

# **Graphics tab**



#### **ORIENTATION**

Select a default orientation. You can override this choice for the current image from within the application.

- Select Portrait if your image is vertical.
   The image is rotated 90 degrees on the Polaroid film, for a better fit.
- Select Landscape if your image is horizontal. The image is printed with the wide white border at the bottom.

Note: The following sample images are copied to your hard drive (ColorShot folder) during installation They can be printed out as a test; see pages 31 – 34.



Portrait orientation (KIDS.TIF)



Landscape orientation: (FLOWERS.TIF)

### **INTENSITY**



The Intensity control offers five settings, from darkest to lightest. Slide the control toward Darkest to make the image darker on film, or toward Lightest to make the image lighter on film. (Some film packs may require an adjustment to compensate for a slight speed variation.) Leave it at the center setting, 2, unless needed.

## **COPIES**

Select the number of of copies to print.



#### **USING PREVIEW**

Click to see a preview of the image before printing. The Preview screen allows you to magnify the image and scroll to display the portion you want to print. If you do not need to see a preview, turn it off for faster printing.

### **ABOUT**

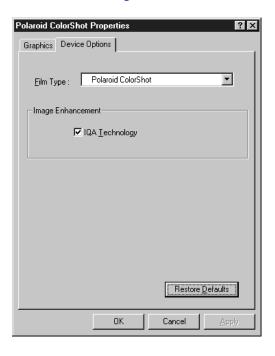
Click to display version numbers and copyright information for the software.

## **RESTORE DEFAULTS**

Click to recall the default settings.



# **Device Options tab**



## **FILM TYPE**

Click the Film Type arrow to display a drop-down list of film types. Select the film type that is currently loaded.

## **IMAGE ENHANCEMENT**

IQA (Image Quality Assurance)
Technology is a Polaroid-patented image enhancement software designed to produce brighter colors in images that have not been previously enhanced.

- Turn on IQA Technology for general photographic images that have been scanned using default settings, or images that have not had any color correction or image processing applied.
- Turn off IQA for images obtained from the Internet, and for images that have been color-corrected in an image-editing application such as MGI PhotoSuite™ or Adobe Photoshop®. Also, turn off IQA for business graphics with ramped backgrounds and images that contain important details (such as medical images).

If you want to see the effect this feature has, print an image with and without it for comparison.

#### **RESTORE DEFAULTS**

Click to recall the default settings.



isplay an image on the screen. Select Print on the File menu and click the OK button in the ColorShot Print dialog box to begin printing the current image. If you selected Using Preview on the Device Options dialog box, a preview appears first.

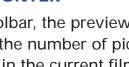


See the next section, *Using the preview*.

# Using the preview

Important: What you see on the preview is what you will get on the print. The Preview screen includes some tools to resize/crop the image. For best results, however, you should resize your image in your imaging application. See Tips on resizing your image on page 18.

## **FILM COUNTER**



In the toolbar, the preview screen also displays the number of pictures you have left in the current film pack. It counts down from ten to one, and resets automatically when you load a new pack of film.

## PRINTING THE FULL IMAGE

The default setting prints the full image, which may result in borders on the top and bottom or on the sides, depending on the aspect ratio of the image.

## **ZOOMING AND SCROLLING**

You can zoom in on the image with the magnifier tool and use the scroll bars to crop the image to your liking. A zoom out tool is provided to return the image to the original size.

### THE TOOL BAR



Printer icon: Click to start printing.



Plus magnifying glass (zoom-in tool): Multiple-click to make the image larger, in small increments.



Minus magnifying glass (zoomout tool): Multiple-click to undo a zoom in.

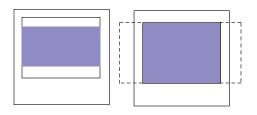


Click the Cancel icon to exit without printing.

# Tips on resizing your image

- If your image is a horizontal scene, choose Landscape orientation on the Graphics tab for a better fit.
- If your image is a vertical scene, choose Portrait orientation on the Graphics tab for a better fit.
- If your image does not have the correct proportions for the ColorShot film (even after the appropriate orientation has been selected), you can reproduce the entire image with borders, or crop the image to fit. See the following illustrations.

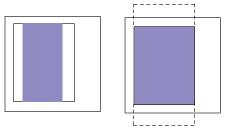
## LANDSCAPE ORIENTATION



Entire image Cr

Cropped image

### **PORTRAIT ORIENTATION**



Entire image

Cropped image

You can enlarge your image and select a crop by using the scroll bars in the ColorShot Print Preview Screen. For the best control over image size, however, we recommend that you resize your image in your imaging application before printing.

In Adobe Photoshop (and other applications that allow you to specify image size in dots-per-inch and pixels), set your image to 580 x 480 pixels (3.625 x 3.0 in.) and to 160 dpi.

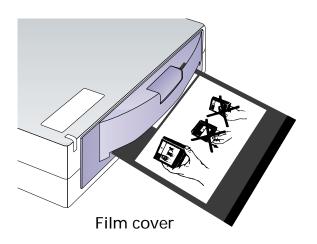
In MGI PhotoSuite and other applications that do not allow you to specify your image size in terms of dpi and pixels, use the Fit To Page or Size To Fit option.

# **Start printing**

To start printing the current image, click the printer icon on the preview tool bar (if Using Preview is checked), or click OK in the ColorShot dialog box (if Using Preview is not checked).

**Note:** If this is the first image in a pack, the protective film cover ejects first.

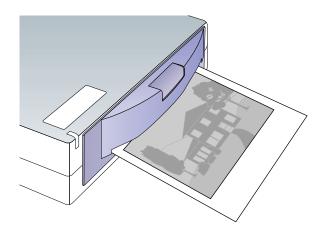
Warning: After the first picture, do not open the film tray until the film pack is empty. Doing so ruins the top picture in the pack.



Once the image is sent, the power LED flashes slowly while printing. The print automatically ejects when it is ready (in about 10 to 20 seconds).

Once ejected, the image starts to appear right away, and appears fully developed in about 10 minutes.

Note: See *Increasing printer performance* on page 27 for tips on how to speed up printing.



# Handling the print

The print is dry as soon as it is ejected and can be handled immediately; however, for the first few minutes, do not shake or bend the print. Handle it gently, by the wide white border only. Allow several minutes for the print to develop fully saturated colors.

# Removing an empty pack

The screen displays an "out of film" message when the pack is empty.

- 1 Press the door latch and pull open the tray.
- 2 Remove the empty pack and reload a fresh pack as described in *Load the film* on page 8.

# **Technical Support**

f the printer is not operating properly and you cannot resolve it with the troubleshooting information in this manual or the Installation Guide (CSinstal.pdf), contact Polaroid Technical Support.

MGI PhotoSuite: If you need help with MGI PhotoSuite, check the on-line help in PhotoSuite for information on obtaining product support from MGI.

## WITHIN THE U.S.A.

Call us toll-free from within the continental U.S.A. at 1-800-432-5355, Monday through Friday, 8 a.m. to 8 p.m., Eastern Time. We offer a variety of Customer Support services; call us for details and applicable fees. You may also write to National Digital Imaging Support, Polaroid Corporation, 201 Burlington Road, 1-2A, Bedford, MA 01730. Fax: 1-781-386-9688.

### **OUTSIDE THE U.S.A**

Contact the nearest Polaroid Service Center. See the list on pages 40 – 44.

### INTERNET SUPPORT

Technical Support is also available over the Internet. Connect to our web site at http://www.polaroid.com.

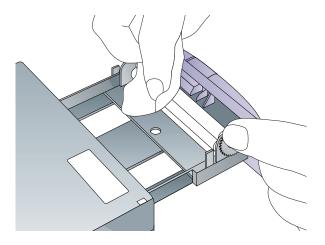
# Cleaning the rollers

For best results, clean the rollers before loading a fresh pack of film. If dirt or dust accumulates on the print rollers, it can result in a repeated pattern on your pictures, as illustrated.

1 Open the door and remove the pack.

Note: If there is a partially loaded pack in the printer, you will lose the top frame when you reload that pack. See Loading a partially used pack on page 26. (Handle the pack carefully to avoid exposing the frames beneath the top frame.)





2 Turn the rollers with one hand. With the other hand, use a clean, lint-free tissue to wipe the full length of the steel rollers located just inside the door. Use a damp cloth if necessary, then wipe the rollers dry.

# **Cleaning the printer**

Wipe the surface with a damp cloth. Do not use aromatic solvents such as acetone, MEK, strong detergent solutions, or abrasives of any sort.

# Loading a partially used pack

If you load a partially used pack, the printer assumes a full pack is loaded and the software gives you an incorrect picture count. Keep track of the number of exposures manually.

**Note:** The top frame acts as a film cover. It will be ejected when you initiate your first print command.

# Increasing printer performance

To optimize speed and performance, try the following:

- Increase the amount of RAM in your computer.
- Increase the available hard disk space.
- Decrease the size of your image files, if possible (the larger the file, the longer it takes to print).
- Close other applications and documents that are open while you are trying to print.

# **Picture and printer problems**

Problem	Solution
Print is too dark.	Intensity may be set too low. Increase intensity in the Graphics tab of the Properties dialog box, in the print driver.
	Your original may be dark. Try lightening it in a photo-editing application, or try applying IQA, which is on the Device Options tab of the Properties dialog box, in the print driver.
Print is not what you expected (in color, brightness, or some other imaging characteristic).	Print out the sample images provided on the Polaroid ColorShot CD ROM for comparison; see <i>Printing test images</i> on page 31 for details.

The picture has a blue tint.	The film may be too cold. Let the pack warm up to room temperature before using, if it has been refrigerated or stored in a cold environment. Film should be between 55 and 95°F (13 and 35°C) for best results.
Print has a large spot or repeated spots	Print rollers are dirty. See page 25 for details on cleaning them.
Print has an area that did not develop	Check your film packaging for details on how to return defective film.
Two prints came out one after the other, and the first one is all gray.	You loaded a partial pack. The top picture acts as a film cover to protect the other frames from exposure, and it is ejected at the first print command.

<ul> <li>Some of the edges of the image are cropped off in the picture, or</li> <li>The print has borders you did not expect, or</li> <li>The printer creates multiple partial prints for one image (tiling).</li> </ul>	Resize the image in an image-editing application. See also <i>Tips on resizing your image</i> on page 18. Be sure to check Using Preview on the Graphics tab to preview what will appear in the print before it is printed.
The green power light is blinking.	This is normal while printing. It should stop flashing when printing is done.
Imaging application cannot communicate with the print driver (Print dialog box or preview screen does not appear).	Check the video accelerator setting; see the Installation Guide for details. If problem persists, call Polaroid Technical Support; see page 23.
The film counter in the preview window is not accurate.	Loading a partially used pack or opening the film tray results in an inaccurate film count. The counter resets when you load a new film pack.

# Printing test images

- 1 Start up MGI PhotoSuite and be sure all options are set to their default settings.
- **2** Be sure all the ColorShot Properties are set to their default settings (see Configure the driver for details):
- Graphics tab: Portrait Orientation; Intensity set to 2 and Using Preview checked.
- Device Options tab: The correct film type selected and IQA Technology checked.

## PRINT KIDS.TIF

- 1 Open the image KIDS.TIF in the Samples folder in the ColorShot folder on your hard drive.
- **2** Click Printer Setup on the File menu.
- 3 Select Polaroid ColorShot as the printer and select Portrait orientation. Click OK.

Size to Fit

4 Click the Print Preview icon on the toolbar (the fourth from the the left).



- Click Size To Fit.
- Click the Printer icon in the Print Preview screen.



- 7 Click OK to print the image.
- 8 The ColorShot preview screen is displayed. What you see in the preview box is what will appear in the print. Click the printer icon in the Preview tool bar to begin printing.

If this is your first print of the film pack, the printer will eject the film cover first. In a few moments, the printer will eject KIDS.TIF.



KIDS.TIF, in portrait orientation

## **PRINT FLOWERS.TIF**

- 1 To print the second test image, open the image FLOWERS.TIF, also located in the Samples folder.
- 2 Click Printer Setup on the File menu.
- 3 Select Polaroid ColorShot as the printer and select Landscape orientation. Click OK.
- 4 Click the Print Preview icon on the toolbar (the fourth from the left).



**5** Click Size To Fit.



6 Click the Printer icon in the Print Preview screen.



- 7 Click OK to print the image.
- 8 The ColorShot preview screen is displayed. What you see in the preview box is what will appear in the print. Click the printer icon in the Preview tool bar to begin printing.

In a few moments, the printer will eject FLOWERS.TIF.



FLOWERS.TIF, in landscape orientation

If the two sample images print correctly (as shown in the preview and in this manual), then the printer and printer driver are working properly. If you are having a problem printing from your imaging application or you are getting unexpected results with your own images, check the settings in your imaging application.

### **Reconnection note**

Your system or hub may have several USB ports. If you connect the printer into a port other than the one used at original installation, the system prompts you to reinstall the software. If this happens, click cancel at the prompt to reinstall, and plug the printer into the previously used port. Alternatively, you can reinstall the software and specify the new USB port when prompted. Follow the instructions on the screen to reinstall the software.

# Limited Equipment Warranty

Polaroid Corporation warrants your Polaroid ColorShot printer against defects in manufacture for a period of 90 days from the date of purchase. To verify the warranty period, you should keep the sales slip or other proof of the purchase date.

Should this product, or any component or accessory included with it, become defective at any time during the warranty period, Polaroid Corporation will, at its discretion, either replace or repair this item, without charge, provided the product is returned to a designated servicing location (prepaid and insured). Please

return the product in its original packaging.

This Limited Warranty does not apply to product damage resulting from accident, incorrect installation, unauthorized modification, misuse or abuse.

Warning: Opening the printer housing voids the warranty.

#### Outside the U.S.A. and Canada

Refer to the registration card for local warranty conditions.

THIS WARRANTY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES AND DOES NOT AFFECT YOUR STATUTORY RIGHTS.

#### **REPAIR**

Within the U.S.A. and Canada: Before you return your equipment for repair, please call Polaroid Customer Service from within the U.S.A. at 1-800-432-5355, Monday through Friday, 8 a.m. to 8 p.m., Eastern Time. In Canada, call 1-800-268-6970. We can help you determine what is at fault, and advise you on how and where to get service in the quickest and most convenient way.

Outside the U.S.A.: Contact the nearest Polaroid Service Center. See the list of addresses on pages 40 – 44.

#### **NOTES**

- There are no user serviceable parts inside the unit. Refer servicing to qualified service personnel.
- Polaroid Corporation reserves the right to make changes in the product described in this manual at any time and without notice.

## **FCC Compliance**

Product: The Polaroid ColorShot Digital Photo Printer

Marketed by: Polaroid Corporation, 575 Technology Square, Cambridge, MA 02139 U.S.A. Telephone: 1-800-432-5355

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

# FCC NOTICE: RADIO AND TELEVISION INTERFERENCE

Note: This equipment has been tested and verified for compliance with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio TV technician for help.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission rules.

# Polaroid Offices and Service Centers

#### **Australia**

Polaroid Australia Pty. Ltd.

13-15 Lyonpark Road

P.O. Box 163

North Ryde, NSW 2113

Tel.: (02) 950 7000 Fax: (02) 887 2209

#### Belgique/België

Polaroid (Belgium) N.V. - S.A.

Rue Colonel Bourg 111

Kolonel Bourgstraat 111

1140 Bruxelles-1140 Brussel

Tel.: 027143102 (Flemish)

027143106 (French)

#### **Brasil**

Polaroid do Brasil Ltda.

Av. Paulista, 1776/11° andar

Cerqueira Cesar

São Paulo - Capital

01310-921

Tel.: 55.11.285.6411

Fax: 55.11.283.2625

288.6521

287.5393

#### Canada

Polaroid Canada Inc.

350 Carlingview Drive

Etobicoke, Ontario M9W 5G6

Toll free: 1-800-268-6970

### Danmark

41

Polaroid a.s.

Blokken 75

3460 Birkerød

Tlf.: 80011887

#### **Deutschland**

Polaroid GmbH

Sprendlinger Landstrasse 109

63069 Offenbach

Tel.: 06995096056

#### España

Polaroid (España), S.A.

Calle Orense 16 - 2ª planta.

28020-Madrid

Tno.: 913778103

#### **France**

Polaroid (France) S.A.

B.P. 7

78996-Elancourt Cédex

Tel.: 0141913810

#### **Hong Kong**

Polaroid (Far East) Ltd.

32/F Windsor House

311 Gloucester Road

Causeway Bay

Tel.: (852) 2894 0333

#### Italia

Polaroid (Italia) S.p.A.

Via Piave 11

21051 Arcisate (Varese)

Tel.: 0269633253

#### Japan

Nippon Polaroid Kabushiki Kaisha Mori Building, No. 30 2-2 Toranomon 3-chome Minato-ku, Tokyo (105)

Tel.: 81-3-3438-8811 Fax: 81-3-3433-3537

#### México

Polaroid de México S.A. de C.V. Paseo de la Reforma 195-Piso 17 C.P. 06500 México, D.F.

Tel.: 703-1111 Fax: 566-0505

Del interior al 91 (800) 70-727

Ventas 91 (800) 70-747

#### Nederland

Polaroid Nederland B.V. Zonnebaan 45 3606 CH Maarssen P.O. Box 1219 3600 BE Maarssen

Tel.: 0204874534

#### **New Zealand**

Polaroid New Zealand Ltd.

Camera Services 24-26 Anzac Avenue

Auckland

Tel.: (09) 377 3773

#### Norge

Polaroid (Norge) A/S Industriveien 8B, 1473 Skårer Postboks 80, 1471 Skårer

Tlf.: 80011887

#### Österreich

Polaroid Ges.m.b.H. Eitnergasse 5A 1231 Wien

Tel.: 06607433

Tel.: 0505446017

#### **Portugal**

Polaroid (España) S.A. Sucursal em Portugal Edificio Monumental Avenue Praia da Vitória 71-A, 4°B 1050 Lisboa

#### **Puerto Rico**

Polaroid Caribbean Corporation Centro de Seguros Ave. Ponce de León 701, Miramar, Santurce 00907

Tel.: (809) 725-6240 Fax: (809) 725-5462

#### Schweiz/Suisse/Svizzera

Polaroid AG Hardturmstrasse 133 8037 Zürich

Tel.: 018385329 (Deutsch) 018385348 (Français) 018385349 (Italiano)

#### Suomi

Polaroid Oy Sinikalliontie 10 02630 Espoo

Puh.: 0800117008

#### **Sverige**

Polaroid AB

Ekholmsvägen 36

Box 204

127 24 Skärholmen

Tel.: 084451231

#### U.K.

Polaroid (U.K.) Ltd. &

Polaroid Export Operations

Wheathampstead House

Codicote Road

Wheathampstead

Hertfordshire AL4 8SF

Tel.: 0181 308 6508 (U.K.)

(44) 181 308 6593 (Export)

#### U.S.A.

Polaroid Corporation

Technical Support

Toll free: 1-800-432-5355

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**Note:** Polaroid Corporation reserves the right to make changes or improvements in the product described in this manual at any time and without notice.

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